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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Pittenger, et al.
SERIAL NO: 10/690, 435
FILED: October 21, 2003
EXAMINER: Sajjadi ART UNIT: 1633
FOR: Cardiac Muscle Regeneration Using Mesenchymal Stem Cells
ATTY DKT NO.: 640100.470 CUSTOMER NO.: 27162

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Pursuant to 37 C.F.R. §1.56(a), Applicant(s) hereby cite(s) the enclosed documents listed on the attached copy of Form PTO-1449, which may be material to the patentability of the above-identified application. Applicant(s) make no admission that the cited references are prior art or that these references are in fact material to the patentability of the above-entitled application.

This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR §1.97 indicated below:

___§1.97(b) This Information Disclosure Statement is filed:

- (1) Within three months of the filing date of a national application; OR
- (2) Within three months of the date of entry of the national stage of an international application; OR
- (3) Before the mailing of a first Office Action on the merits. No fee or statement is required.

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X §1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:

- (1) A Final Action or under 37 CFR §1.113; OR
- (2) A Notice of Allowance under 37 CFR §1.311; AND

is accompanied by either: (check one)

 The statement as specified in 37 CFR §1.97(e) set out below; OR

 X The fee of \$180.00 under 37 CFR §1.17(p).

 §1.97(d) This Information Disclosure Statement is filed after the mailing date of either:

- (1) a Final Action or under 37 CFR §1.113; OR
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BUT filed on or before payment of the Issue Fee; AND
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 each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement;
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 no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to the knowledge of the undersigned Attorney after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

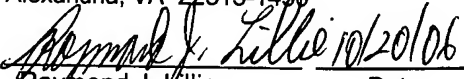
The Examiner is respectfully requested to consider and make of record all of the cited documents.

The Commissioner is authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

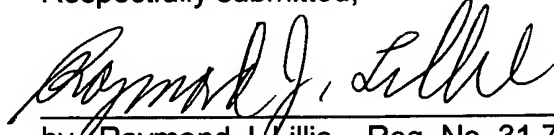
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Raymond J. Lillie Date

Respectfully submitted,



by Raymond J. Lillie, Reg. No. 31,778
Attorney for Applicants

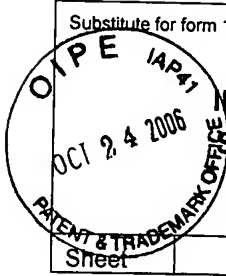
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Substitute for form 1449A/PTO		Complete if Known	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/690, 435
		Filing Date	10/21/03
		First Named Inventor	Pittenger
		Group Art Unit	1633
		Examiner Name	Sajjadi
		Attorney Docket Number	640100-470
Sheet	Of		

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. ¹	Document Number Number-Kid Code ² (if known)	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5, 225, 914	07/13/1993	Caplan, et al.	
		US-5, 591, 625	01/07/1997	Gerson, et al	
		US-6, 099, 832	08/08/2000	Mickle, et al.	
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FOREIGN PATENT DOCUMENTS						
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known		
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		Group Art Unit	1633	
		Examiner Name	Sajjadi	
Sheet		Of	Attorney Docket Number	640100-470

NON PATENT LITERATURE DOCUMENTS
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Examiner Initial*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Verma, et al. <u>Nature</u> , Vol. 389, pgs. 239 - 242 (1997)	
		Orkin, Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy, December 7, 1995.	
		Robinson, et al. Implantation of Skeletal Myoblast-Derived Cells in <u>Cellular Cardiomyoplasty</u> , pgs. 81 - 107 (1997)	
		Bruder, et al., <u>J. Cell Biochem.</u> , Vol. 56pgs. 283-294 (1994)	
		Warejcka, et al., <u>J. Surg. Res.</u> , Vol. 62, pgs. 233-242 (1996)	
		Krebsbach, et al., <u>Transplantation</u> , Vol. 63, pgs. 1059 - 1069 (April 27, 1997)	

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